

Hani Mz Choudhry

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

4,789
citations

159585

30
h-index

123424

61
g-index

120
all docs

120
docs citations

120
times ranked

8282
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube field-effect transistor (CNT-FET)-based biosensor for rapid detection of SARS-CoV-2 (COVID-19) surface spike protein S1. <i>Bioelectrochemistry</i> , 2022, 143, 107982.	4.6	117
2	Structure-Activity Studies Reveal Scope for Optimisation of Ebselen-Type Inhibition of SARS-CoV-2 Main Protease. <i>ChemMedChem</i> , 2022, 17, e202100582.	3.2	14
3	The Histone H3K27me3 Demethylases KDM6A/B Resist Anoikis and Transcriptionally Regulate Stemness-Related Genes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 780176.	3.7	6
4	Venetoclax-Resistant MV4-11 Leukemic Cells Activate PI3K/AKT Pathway for Metabolic Reprogramming and Redox Adaptation for Survival. <i>Antioxidants</i> , 2022, 11, 461.	5.1	8
5	Untargeted Metabolomics Showed Accumulation of One-Carbon Metabolites to Facilitate DNA Methylation during Extracellular Matrix Detachment of Cancer Cells. <i>Metabolites</i> , 2022, 12, 267.	2.9	3
6	Hispolon-Loaded Liquid Crystalline Nanoparticles: Development, Stability, In Vitro Delivery Profile, and Assessment of Hepatoprotective Activity in Hepatocellular Carcinoma. <i>ACS Omega</i> , 2022, 7, 9452-9464.	3.5	9
7	Exosomal miRNAs as a Promising Source of Biomarkers in Colorectal Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4855.	4.1	6
8	Systematic Development of Solid Lipid Nanoparticles of Abiraterone Acetate with Improved Oral Bioavailability and Anticancer Activity for Prostate Carcinoma Treatment. <i>ACS Omega</i> , 2022, 7, 16968-16979.	3.5	13
9	<i>Stachybotrys chartarum</i> —A Hidden Treasure: Secondary Metabolites, Bioactivities, and Biotechnological Relevance. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 504.	3.5	13
10	Prediction of Diabetes through Retinal Images Using Deep Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-6.	1.7	11
11	Exosome-Mediated Response to Cancer Therapy: Modulation of Epigenetic Machinery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6222.	4.1	10
12	Profiling the Effect of Targeting Wild Isocitrate Dehydrogenase 1 (IDH1) on the Cellular Metabolome of Leukemic Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6653.	4.1	2
13	Receptor-based targeting of engineered nanocarrier against solid tumors: Recent progress and challenges ahead. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129777.	2.4	28
14	Prospective of nanoscale metal organic frameworks [NMOFs] for cancer therapy. <i>Seminars in Cancer Biology</i> , 2021, 69, 129-139.	9.6	27
15	Molecular profiling of epigenetic landscape of cancer cells during extracellular matrix detachment. <i>Scientific Reports</i> , 2021, 11, 2784.	3.3	3
16	ArchR is a scalable software package for integrative single-cell chromatin accessibility analysis. <i>Nature Genetics</i> , 2021, 53, 403-411.	21.4	610
17	Compound C, a Broad Kinase Inhibitor Alters Metabolic Fingerprinting of Extra Cellular Matrix Detached Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 612778.	2.8	13
18	Trehalose Restrains the Fibril Load towards β -Lactalbumin Aggregation and Halts Fibrillation in a Concentration-Dependent Manner. <i>Biomolecules</i> , 2021, 11, 414.	4.0	11

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19	Structural insights of human N-acetyltransferase 10 and identification of its potential novel inhibitors. <i>Scientific Reports</i> , 2021, 11, 6051.	3.3	17
20	Targeting Post-Translational Modifications of the p73 Protein: A Promising Therapeutic Strategy for Tumors. <i>Cancers</i> , 2021, 13, 1916.	3.7	7
21	In-Silico Study of Immune System Associated Genes in Case of Type-2 Diabetes With Insulin Action and Resistance, and/or Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 641888.	3.5	17
22	UCA1 Overexpression Promotes Hypoxic Breast Cancer Cell Proliferation and Inhibits Apoptosis via HIF-1 α Activation. <i>Journal of Oncology</i> , 2021, 2021, 1-8.	1.3	8
23	Suppression of circulating <i>linc-AP001429.1</i> long non-coding RNA in obese patients with breast cancer. <i>Oncology Letters</i> , 2021, 22, 508.	1.8	3
24	Urolithin A and B Alter Cellular Metabolism and Induce Metabolites Associated with Apoptosis in Leukemic Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5465.	4.1	14
25	Paclitaxel and naringenin-loaded solid lipid nanoparticles surface modified with cyclic peptides with improved tumor targeting ability in glioblastoma multiforme. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111461.	5.6	42
26	High-throughput screening to identify potential inhibitors of the Z δ domain of the adenosine deaminase 1 (ADAR1). <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6297-6304.	3.8	6
27	Upregulation of circular and linear METTL3 and USP3 in colorectal cancer. <i>Oncology Letters</i> , 2021, 22, 675.	1.8	3
28	Lipid/polymer-based nanocomplexes in nucleic acid delivery as cancer vaccines. <i>Drug Discovery Today</i> , 2021, 26, 1891-1903.	6.4	19
29	The Microbiome and Its Implications in Cancer Immunotherapy. <i>Molecules</i> , 2021, 26, 206.	3.8	15
30	Recent advances in lipid-engineered multifunctional nanophytomedicines for cancer targeting. <i>Journal of Controlled Release</i> , 2021, 340, 48-59.	9.9	19
31	Remodelin, a N-acetyltransferase 10 (NAT10) inhibitor, alters mitochondrial lipid metabolism in cancer cells. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1936-1945.	2.6	19
32	Comparative Analysis of the Impact of Urolithins on the Composition of the Gut Microbiota in Normal-Diet Fed Rats. <i>Nutrients</i> , 2021, 13, 3885.	4.1	10
33	Hypoxia drives glucose transporter 3 expression through hypoxia-inducible transcription factor (HIF) α -mediated induction of the long noncoding RNA NIC1. <i>Journal of Biological Chemistry</i> , 2020, 295, 4065-4078.	3.4	34
34	Exome sequencing and metabolomic analysis of a chronic kidney disease and hearing loss patient family revealed RMND1 mutation induced sphingolipid metabolism defects. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 324-334.	3.8	13
35	Thymoquinone and Difluoromethylornithine (DFMO) Synergistically Induce Apoptosis of Human Acute T Lymphoblastic Leukemia Jurkat Cells Through the Modulation of Epigenetic Pathways. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382094748.	1.9	17
36	Implications of COVID-19 on the Labor Market of Saudi Arabia: The Role of Universities for a Sustainable Workforce. <i>Sustainability</i> , 2020, 12, 7090.	3.2	23

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37	Microneedles Drug Delivery Systems for Treatment of Cancer: A Recent Update. <i>Pharmaceutics</i> , 2020, 12, 1101.	4.5	31
38	<p>Cationic Solid Lipid Nanoparticles of Resveratrol for Hepatocellular Carcinoma Treatment: Systematic Optimization, in vitro Characterization and Preclinical Investigation<p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9283-9299.	6.7	33
39	High Expression of Pd-1 in Circulating Cells of Patients With Advanced Colorectal Cancer Receiving Adjuvant Therapy. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382096944.	1.9	2
40	Detection of Pathogenic Variants With Germline Genetic Testing Using Deep Learning vs Standard Methods in Patients With Prostate Cancer and Melanoma. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1957.	7.4	33
41	The mevalonate precursor enzyme HMGCS1 is a novel marker and key mediator of cancer stem cell enrichment in luminal and basal models of breast cancer. <i>PLoS ONE</i> , 2020, 15, e0236187.	2.5	20
42	Investigating the pathogenic SNPs in BLM helicase and their biological consequences by computational approach. <i>Scientific Reports</i> , 2020, 10, 12377.	3.3	37
43	Cationic self-nanoemulsifying formulations of tamoxifen with improved biopharmaceutical attributes and anticancer activity: Systematic development and evaluation. <i>Journal of Molecular Liquids</i> , 2020, 320, 114534.	4.9	1
44	Long non-coding RNA ESCCAL-1 promotes esophageal squamous cell carcinoma by down regulating the negative regulator of APOBEC3G. <i>Cancer Letters</i> , 2020, 493, 217-227.	7.2	17
45	A Study on the Effect of Vitamins A and C to Modulate the Expression of NKG2D Ligands in Hepatic and Colon Cancer Cells. <i>Nutrition and Cancer</i> , 2020, , 1-12.	2.0	3
46	Molecular Choreography of Acute Exercise. <i>Cell</i> , 2020, 181, 1112-1130.e16.	28.9	261
47	Untargeted Metabolomics Identifies Key Metabolic Pathways Altered by Thymoquinone in Leukemic Cancer Cells. <i>Nutrients</i> , 2020, 12, 1792.	4.1	17
48	Origin, Potential Therapeutic Targets and Treatment for Coronavirus Disease (COVID-19). <i>Pathogens</i> , 2020, 9, 307.	2.8	62
49	Integration of Transcriptome and Metabolome Provides Unique Insights to Pathways Associated With Obese Breast Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 804.	2.8	36
50	Targeting Itch/p73 pathway by thymoquinone as a novel therapeutic strategy for cancers with p53 mutation. <i>European Journal of Cell Science</i> , 2020, 2, 20-26.	0.2	5
51	Long Noncoding RNAs as Prognostic Markers for Colorectal Cancer in Saudi Patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 509-514.	0.7	18
52	Roles of long non-coding RNAs in colorectal cancer tumorigenesis: A Review. <i>Molecular and Clinical Oncology</i> , 2019, 11, 167-172.	1.0	34
53	Gene Ontology and Expression Studies of Strigolactone Analogues on a Hepatocellular Carcinoma Cell Line. <i>Analytical Cellular Pathology</i> , 2019, 2019, 1-10.	1.4	4
54	Different conformational states of hen egg white lysozyme formed by exposure to the surfactant of sodium dodecyl benzenesulfonate. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 54-60.	7.5	31

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55	Hypoxia-induced switch in SNAT2/SLC38A2 regulation generates endocrine resistance in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12452-12461.	7.1	86
56	Middle East respiratory syndrome: pathogenesis and therapeutic developments. <i>Future Virology</i> , 2019, 14, 237-246.	1.8	41
57	Synthesis and in vitro antitumor activity of novel acylspermidine derivative N-(4-aminobutyl)-N-(3-aminopropyl)-8-hydroxy-dodecanamide (AAHD) against HepG2 cells. <i>Bioorganic Chemistry</i> , 2019, 88, 102937.	4.1	2
58	Thymoquinone-Induced Reactivation of Tumor Suppressor Genes in Cancer Cells Involves Epigenetic Mechanisms. <i>Epigenetics Insights</i> , 2019, 12, 251686571983901.	2.0	29
59	A quercetin-based flavanoid (rutin) reverses amyloid fibrillation in β -lactoglobulin at pH 2.0 and 358 K. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 40-48.	3.9	22
60	Zika Virus Targeting by Screening Inhibitors against NS2B/NS3 Protease. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	15
61	Co-occurrence of RCC-susceptibility polymorphisms with HIF cis-acting sequences supports a pathway tuning model of cancer. <i>Scientific Reports</i> , 2019, 9, 18768.	3.3	9
62	Inherent DNA binding specificities of the HIF $^{\alpha}$ and HIF $^{\beta}$ transcription factors in chromatin. <i>EMBO Reports</i> , 2019, 20, .	4.5	143
63	AKT Inhibition Modulates H3K4 Demethylase Levels in PTEN-Null Prostate Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 356-363.	4.1	11
64	Allura red rapidly induces amyloid-like fibril formation in hen egg white lysozyme at physiological pH. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 297-305.	7.5	25
65	Rhazyanine from <i>Rhazya stricta</i> Inhibits Metastasis and Induces Apoptosis by Downregulating Bcl-2 Gene in MCF7 Cell Line. <i>Integrative Cancer Therapies</i> , 2019, 18, 153473541880990.	2.0	5
66	Proliferative function of adaptor protein GRB10 in prostate carcinoma. <i>FASEB Journal</i> , 2019, 33, 3198-3211.	0.5	13
67	p21Waf1/Cip1: its paradoxical effect in the regulation of breast cancer. <i>Breast Cancer</i> , 2019, 26, 131-137.	2.9	39
68	Synthetic strigolactone analogues reveal anti-cancer activities on hepatocellular carcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1077-1083.	2.2	23
69	Advances in Hypoxia-Inducible Factor Biology. <i>Cell Metabolism</i> , 2018, 27, 281-298.	16.2	571
70	Identification of Deregulated Signaling Pathways in Jurkat Cells in Response to a Novel Acylspermidine Analogue-N4-Erucyl Spermidine. <i>Epigenetics Insights</i> , 2018, 11, 251686571881454.	2.0	12
71	Nanocolloidal lipidic carriers of olmesartan medoxomil surface-tailored with Concavalin-A for lectin receptor targeting. <i>Nanomedicine</i> , 2018, 13, 3107-3128.	3.3	17
72	Association of serum asymmetric dimethyl-arginine and troponin I levels as a risk of myocardial infarction in thalassemia. <i>African Health Sciences</i> , 2018, 18, 720.	0.7	1

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73	Joint single-cell DNA accessibility and protein epitope profiling reveals environmental regulation of epigenomic heterogeneity. <i>Nature Communications</i> , 2018, 9, 4590.	12.8	76
74	Strigolactones—a novel class of phytohormones as anti-cancer agents. <i>Journal of Pesticide Sciences</i> , 2018, 43, 168-172.	1.4	7
75	Prospects of IL-2 in Cancer Immunotherapy. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	107
76	Apolipoprotein B mRNA editing enzyme catalytic polypeptide-like family genes activation and regulation during tumorigenesis. <i>Cancer Science</i> , 2018, 109, 2375-2382.	3.9	20
77	Implications of Isoprostanes and Matrix Metalloproteinase-7 Having Potential Role in the Development of Colorectal Cancer in Males. <i>Frontiers in Oncology</i> , 2018, 8, 205.	2.8	8
78	Iodine consumption and cognitive performance: Confirmation of adequate consumption. <i>Food Science and Nutrition</i> , 2018, 6, 1341-1351.	3.4	18
79	Thymoquinone synergizes gemcitabine anti-breast cancer activity via modulating its apoptotic and autophagic activities. <i>Scientific Reports</i> , 2018, 8, 11674.	3.3	97
80	Thymoquinone challenges UHRF1 to commit auto-ubiquitination: a key event for apoptosis induction in cancer cells. <i>Oncotarget</i> , 2018, 9, 28599-28611.	1.8	25
81	The KIP/CIP family members p21 ^{Waf1/Cip1} and p57 ^{Kip2} as diagnostic markers for breast cancer. <i>Cancer Biomarkers</i> , 2017, 18, 413-423.	1.7	12
82	Synthesis, screening and pro-apoptotic activity of novel acyl spermidine derivatives on human cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 190-201.	5.6	12
83	Investigation of antioxidant and detoxifying capacities of some date cultivars (<i>Phoenix dactylifera</i> L.) irrigated with sewage water. <i>RSC Advances</i> , 2017, 7, 12953-12958.	3.6	17
84	Acoustic and hybrid 3D-printed electrochemical biosensors for the real-time immunodetection of liver cancer cells (HepG2). <i>Biosensors and Bioelectronics</i> , 2017, 94, 500-506.	10.1	64
85	Computing disease-linked SOD1 mutations: deciphering protein stability and patient-phenotype relations. <i>Scientific Reports</i> , 2017, 7, 4678.	3.3	34
86	Targeting microRNA/UHRF1 pathways as a novel strategy for cancer therapy (Review). <i>Oncology Letters</i> , 2017, 15, 3-10.	1.8	14
87	Bio-Catalytic Structural Transformation of Anti-cancer Steroid, Drostanolone Enanthate with <i>Cephalosporium aphidicola</i> and <i>Fusarium lini</i> , and Cytotoxic Potential Evaluation of Its Metabolites against Certain Cancer Cell Lines. <i>Frontiers in Pharmacology</i> , 2017, 8, 900.	3.5	18
88	POSSIBLE HYPOCHOLESTEROLEMIC EFFECT OF GINGER AND ROSEMARY OILS IN RATS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2017, 14, 188-200.	0.3	14
89	Fabrication, optimization, and characterization of umbelliferone β-D-galactopyranoside-loaded PLGA nanoparticles in treatment of hepatocellular carcinoma: in vitro and in vivo studies. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6747-6758.	6.7	67
90	Comprehensive molecular biomarker identification in breast cancer brain metastases. <i>Journal of Translational Medicine</i> , 2017, 15, 269.	4.4	80

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91	Multiple renal cancer susceptibility polymorphisms modulate the HIF pathway. <i>PLoS Genetics</i> , 2017, 13, e1006872.	3.5	34
92	Comparative study of extrapolative factors linked with oxidative injury and anti-inflammatory status in chronic kidney disease patients experiencing cardiovascular distress. <i>PLoS ONE</i> , 2017, 12, e0171561.	2.5	14
93	A multidimensional integration analysis reveals potential bridging targets in the process of colorectal cancer liver metastasis. <i>PLoS ONE</i> , 2017, 12, e0178760.	2.5	6
94	MODULATION OF CARCINOGEN-METABOLIZING ENZYME BY MADINAH MINT (<i>Mentha</i> spp) IN RAT LIVER. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 32-37.	0.3	0
95	<i>Balanites aegyptiaca</i> protection against proliferation of different cancer cell line. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 25.	0.3	2
96	POTENTIAL ADMINISTRATION OF LIPOIC ACID AND COENZYME Q AGAINST ADIPOGENESIS: TARGET FOR WEIGHT REDUCTION. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 14, 272-277.	0.3	0
97	Current Management Strategies in Breast Cancer by Targeting Key Altered Molecular Players. <i>Frontiers in Oncology</i> , 2016, 6, 45.	2.8	17
98	A Novel Four-Way Complex Variant Translocation Involving Chromosome 46,XY,t(4;9;19;22)(q25;q34;p13.3;q11.2) in a Chronic Myeloid Leukemia Patient. <i>Frontiers in Oncology</i> , 2016, 6, 124.	2.8	5
99	L-Asparaginase Isolated from <i>Phaseolus vulgaris</i> Seeds Exhibited Potent Anti-Acute Lymphoblastic Leukemia Effects In-Vitro and Low Immunogenic Properties In-Vivo. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1008.	2.6	12
100	Evaluation of Matrix Metalloproteinases, Cytokines and Their Potential Role in the Development of Ovarian Cancer. <i>PLoS ONE</i> , 2016, 11, e0167149.	2.5	22
101	Capture-Seq reveals preformed chromatin interactions between HIF binding sites and distant promoters. <i>EMBO Reports</i> , 2016, 17, 1410-1421.	4.5	63
102	Role of hesperetin in LDL-receptor expression in hepatoma HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 182.	3.7	16
103	Weighted gene co-expression network analysis of colorectal cancer liver metastasis genome sequencing data and screening of anti-metastasis drugs. <i>International Journal of Oncology</i> , 2016, 49, 1108-1118.	3.3	25
104	Signalling pathways in UHRF1-dependent regulation of tumor suppressor genes in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 174.	8.6	79
105	The tumour hypoxia induced non-coding transcriptome. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 35-53.	6.4	96
106	Hypoxic regulation of the noncoding genome and NEAT1. <i>Briefings in Functional Genomics</i> , 2016, 15, 174-185.	2.7	46
107	Implications of prognostic variables in the assessment of autoimmunity in hepatitis C patients receiving interferon therapy. <i>Bioinformatics</i> , 2016, 12, 131-134.	0.5	1
108	The challenge for precision medicine: all tumor genomes are different and all cancer patients are different in their own way. <i>Translational Cancer Research</i> , 2016, 5, S847-S851.	1.0	0

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109	Tumor hypoxia induces nuclear paraspeckle formation through HIF-2 α dependent transcriptional activation of NEAT1 leading to cancer cell survival. <i>Oncogene</i> , 2015, 34, 4482-4490.	5.9	245
110	Next-Generation Sequencing in the Era of Cancer-Targeted Therapies: Towards the Personalised Medicine. , 2015, , 39-55.		0
111	Integrated analysis of microRNA and mRNA expression and association with HIF binding reveals the complexity of microRNA expression regulation under hypoxia. <i>Molecular Cancer</i> , 2014, 13, 28.	19.2	135
112	Unlocking the complexity of hypoxia non-coding transcriptome landscape of breast cancer. <i>BMC Genomics</i> , 2014, 15, .	2.8	1
113	Extensive regulation of the non-coding transcriptome by hypoxia: role of HIF in releasing paused RNA pol2. <i>EMBO Reports</i> , 2014, 15, 70-76.	4.5	146
114	Hypermethylation of CpG Islands and Shores around Specific MicroRNAs and Mirtrons Is Associated with the Phenotype and Presence of Bladder Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 1287-1296.	7.0	96
115	Epigenetic Regulation of MicroRNA Expression in Cancer. <i>Methods in Molecular Biology</i> , 2011, 676, 165-184.	0.9	21